Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL012218\
Data File : VL031425.D
Acq On : 22 Jan 2018 21:14
Operator : SY/AP
Sample : QC011618 CAN 10319
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 23 10:14:51 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL012218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 2
QLast Update : Mon Jan 22 17:52:32 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
QC011618 CAN 10319

Manual Integrations APPROVED
MMDadoda
1/24/2018 5:10:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.90	49	1317894	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.44	114	2876390	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	2859892	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.75	95	2312855	10.10	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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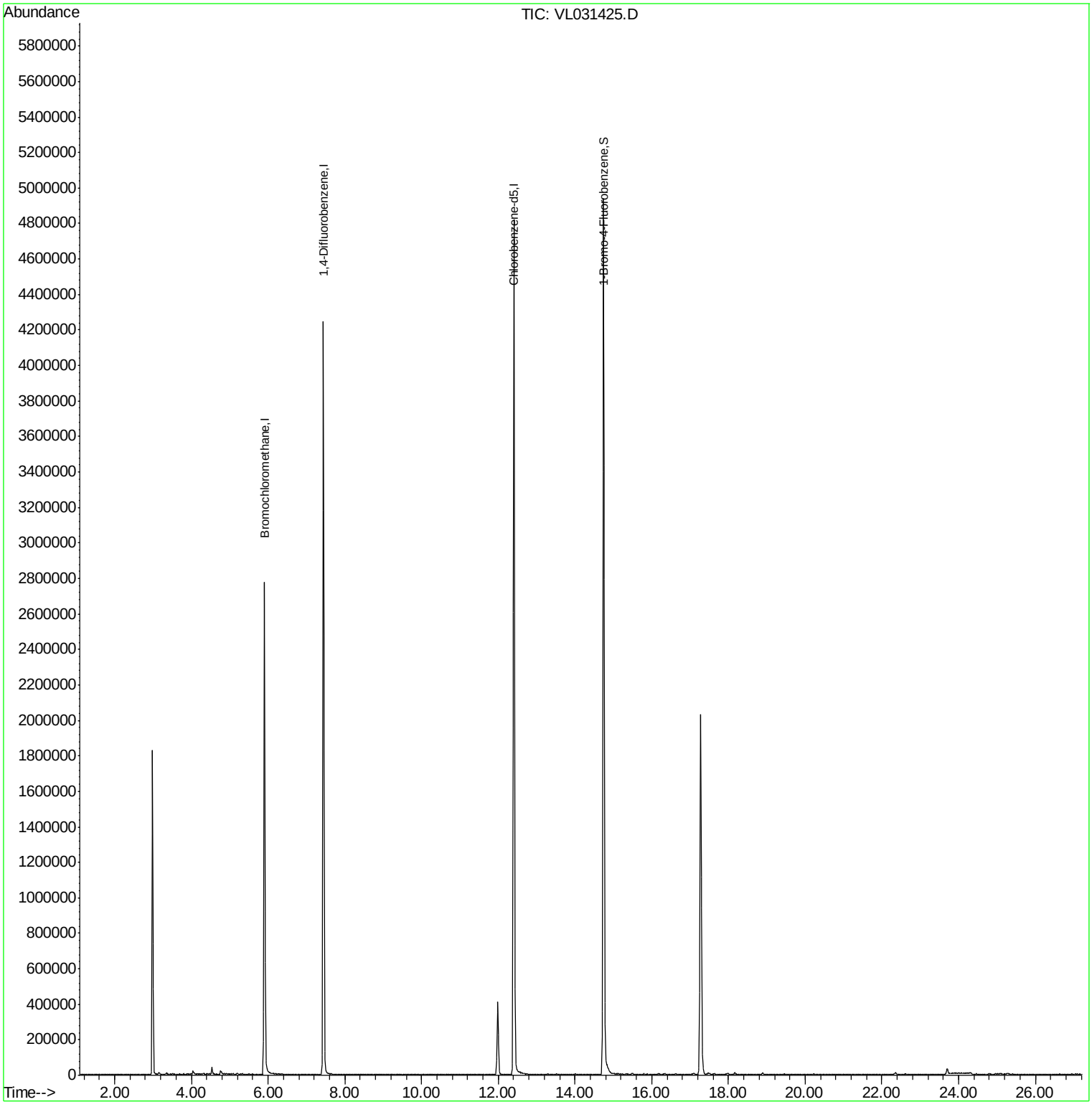
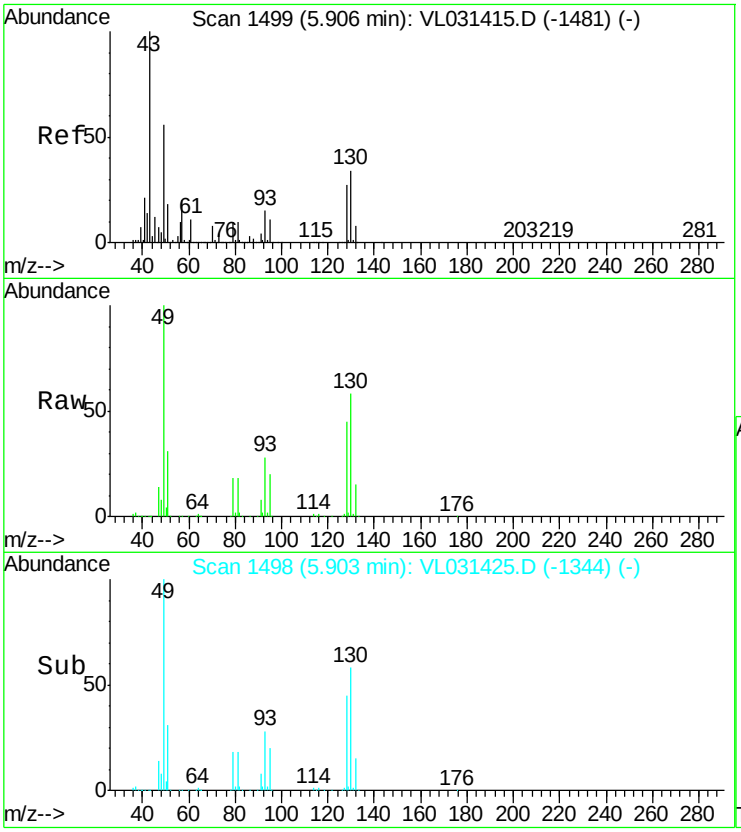
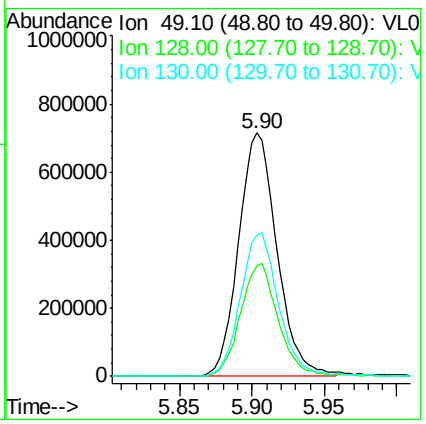




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: VL031425.D
Acq: 22 Jan 2018 21:14

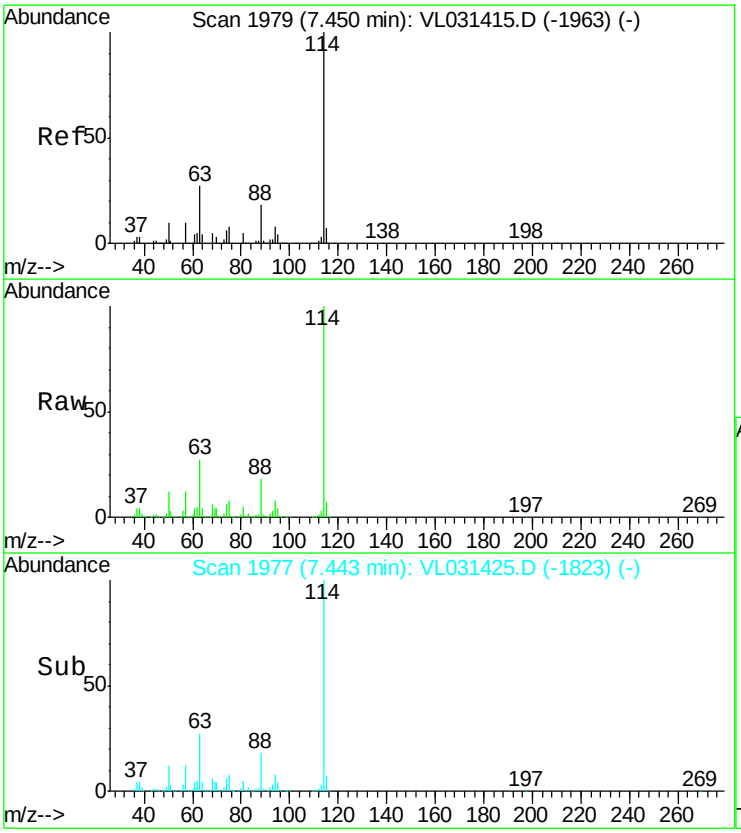
Tgt Ion: 49 Resp: 1317894

Ion	Ratio	Lower	Upper
49	100		
128	45.9	23.5	70.6
130	59.3	29.9	89.7



Instrument :
MSVOA_L
ClientSampleId :
QC011618 CAN 10319

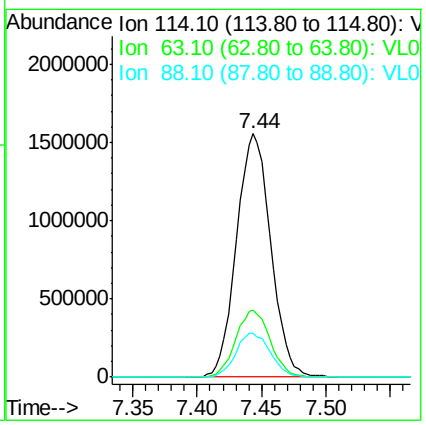
Manual Integrations APPROVED
MMDadoda
1/24/2018 5:10:18 PM

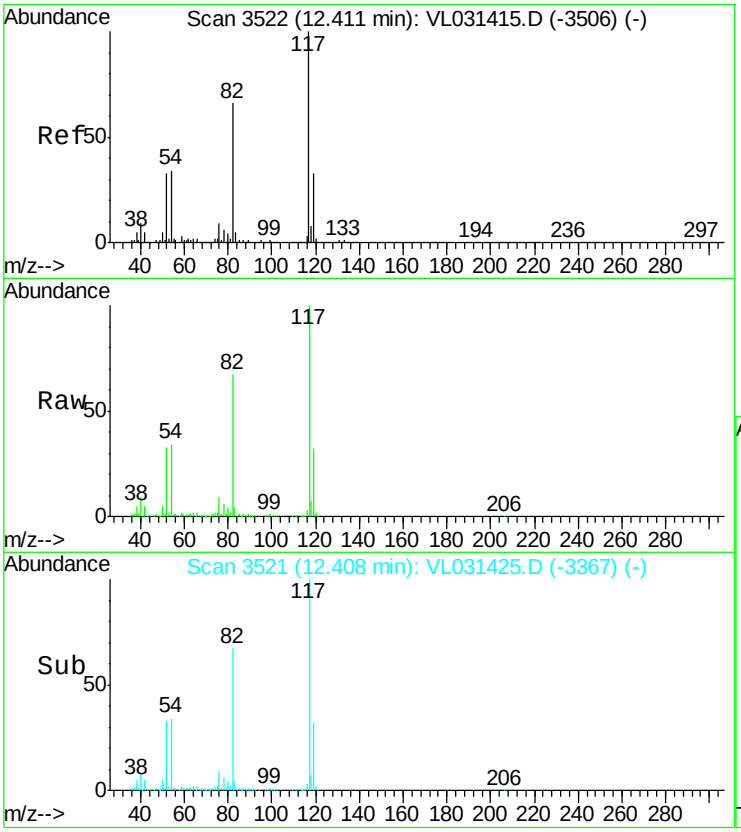


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.44 min Scan# 1977
Delta R.T. -0.01 min
Lab File: VL031425.D
Acq: 22 Jan 2018 21:14

Tgt Ion:114 Resp: 2876390

Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.5	33.7
88	18.2	14.6	22.0

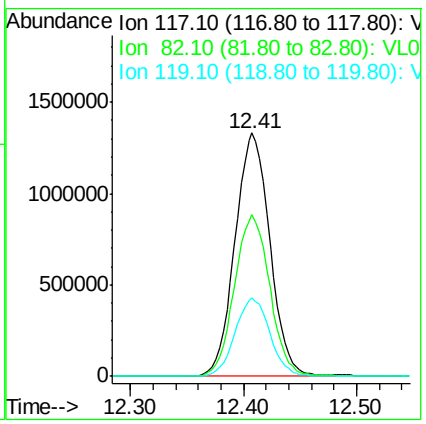




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.41 min Scan# 3521
Delta R.T. -0.01 min
Lab File: VL031425.D
Acq: 22 Jan 2018 21:14

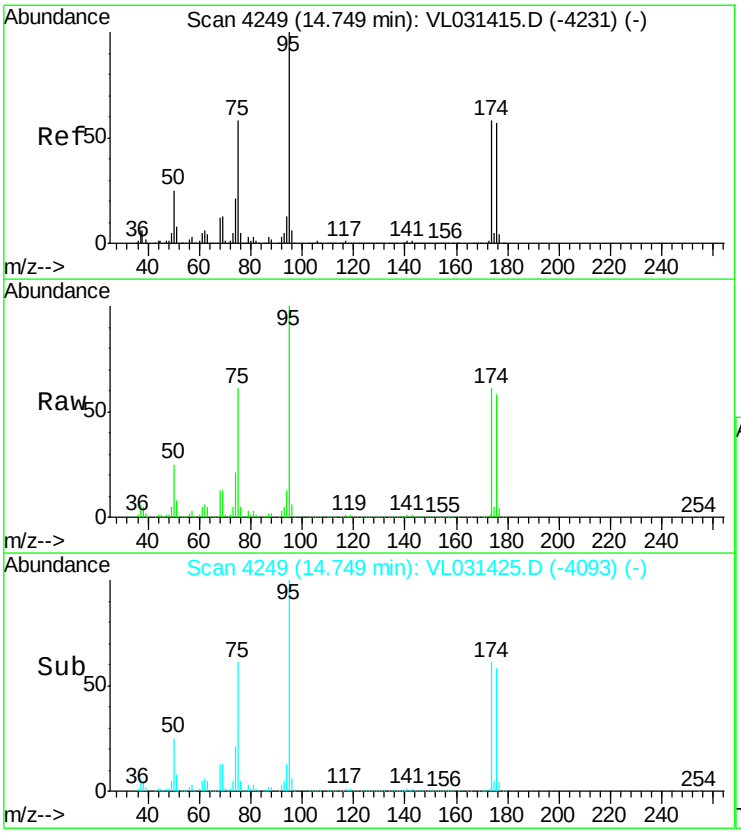
Tgt Ion:117 Resp: 2859892

Ion	Ratio	Lower	Upper
117	100		
82	67.3	51.8	77.6
119	32.2	24.2	36.2



Instrument :
MSVOA_L
ClientSampleId :
QC011618 CAN 10319

Manual Integrations APPROVED
MMDadoda
1/24/2018 5:10:18 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.10 ppbv
RT: 14.75 min Scan# 4249
Delta R.T. 0.00 min
Lab File: VL031425.D
Acq: 22 Jan 2018 21:14

Tgt Ion: 95 Resp: 2312855

Ion	Ratio	Lower	Upper
95	100		
174	61.4	48.2	72.4
175	4.4	3.6	5.4